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SOURCE As indicated

SOVIET STRESS ON FURNACE LINING

[Comment: Most of the major Soviet metallurgical plants are now using chrome-magnesite brick for lining open-hearth furnaces. The press continues to make frequent references to the life of chrome-magnesite-lined open hearths. The follow-

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Numbers in parentheses refer to appended sources.]

The crew of open-hearth furnace No 8 of the Stalinsk Metallurgical Plant imeni Stalin has entered into competition with the Zlatoust Plant. The Stalinsk furnace and the Zlatoust furnaces are chrome-magnesite lined. The Zlatoust Plant. The Stalinsk furnace and the Zlatoust furnaces are chrome-magnesite lined. The Zlatoust Plant is trying for the 750-heats mark; the Stalinsk crew has pledged to reach the 600 mark. Heretofore, the Stalinsk open hearth ran a maximum of 401 heats before shutting down for relining.(1)

Open-hearth furnace No 2 of the Zlatoust Metallurgical Plant imeni Stalin has set a national record by running 700 heats in one cycle. The furnace crew has pledged a run of 750 heats before relining.(2)

Over half the open-hearth furnaces of the Kuznetsk Metallurgical Combine are lined with chrome-magnesite brick.(3)

## SOURCES

1. Kiev, Pravda Ukrainy, 15 May 53
2. Tbilisi, Lurya Vostoka, 20 Oct 53
3. Moscow, Pravda, 4 Oct 53

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